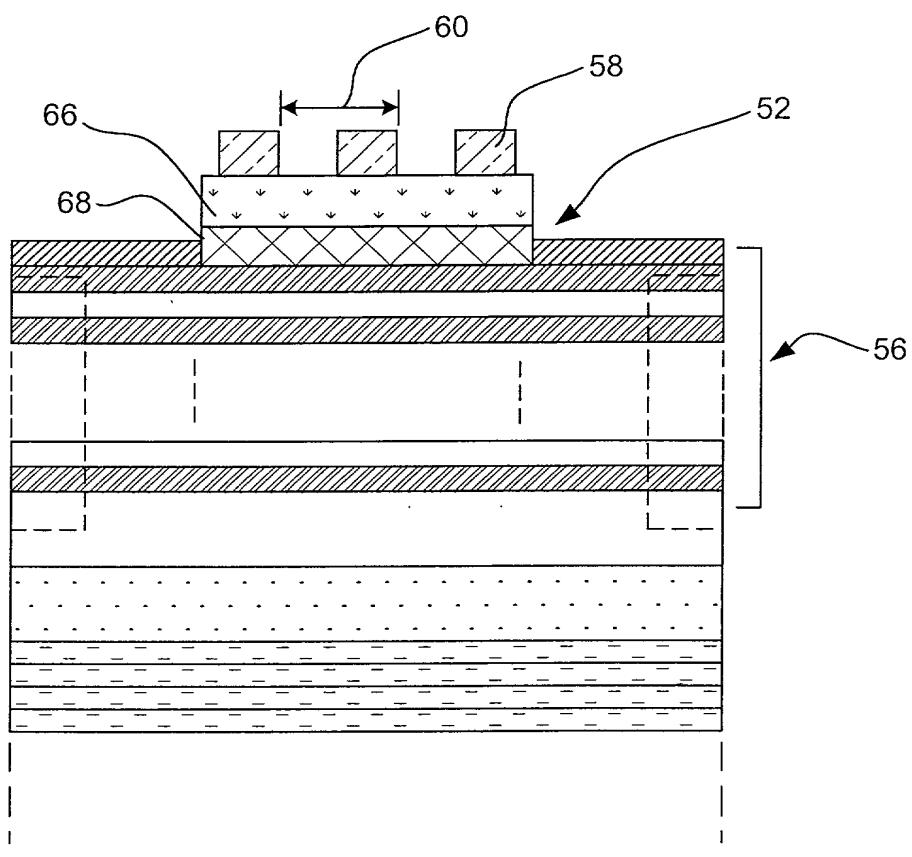
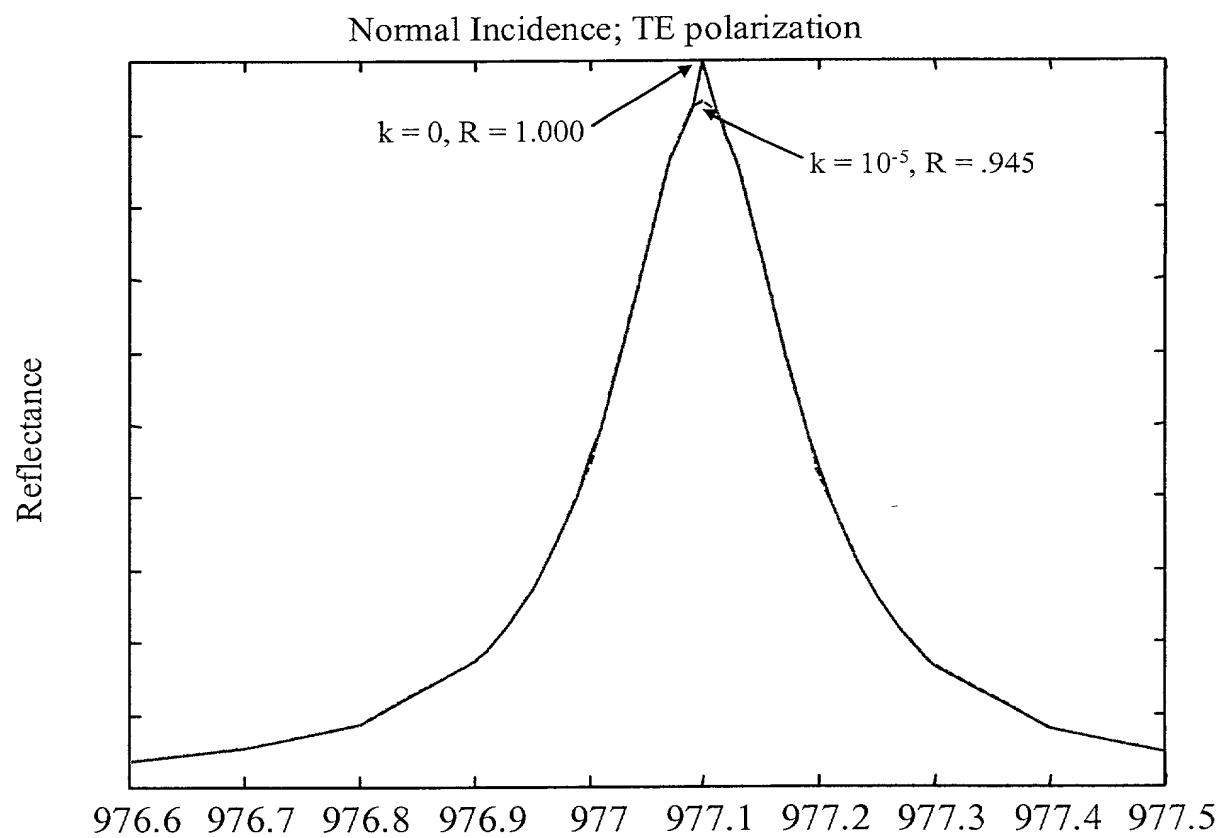


*FIG. 1*



*FIG. 2*

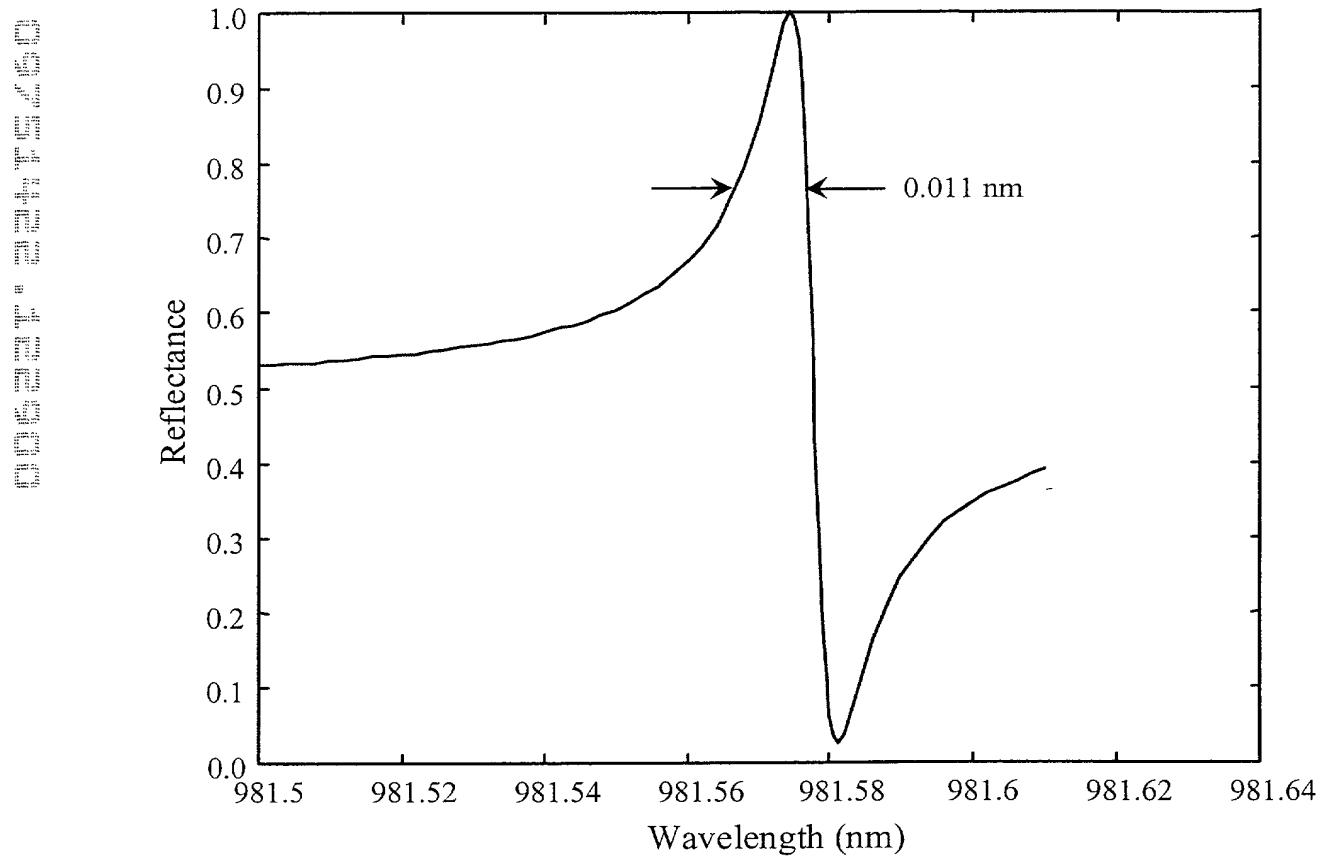
## Predicted Resonant Filter Reflectance for 980 nm VCSEL Minimum k in Waveguide Layer



***FIG. 3***

## Predicted Resonant Filter Reflectance for 980 nm VCSEL Detail of Resonance

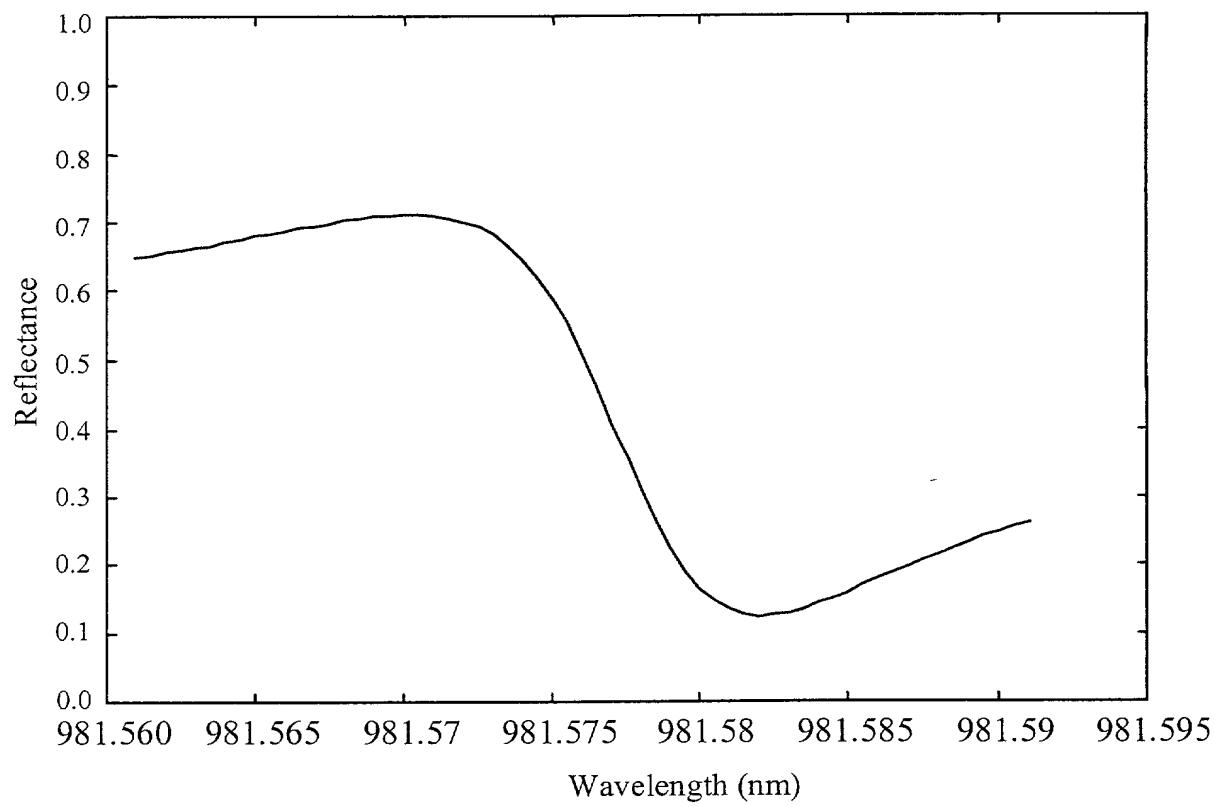
Normal Incidence; TE polarization



*FIG. 4*

## Predicted Resonant Filter Reflectance for 980 nm VCSEL Detail of Resonance with Conducting DBR Mirror

Normal Incidence; TE polarization



***FIG. 5***

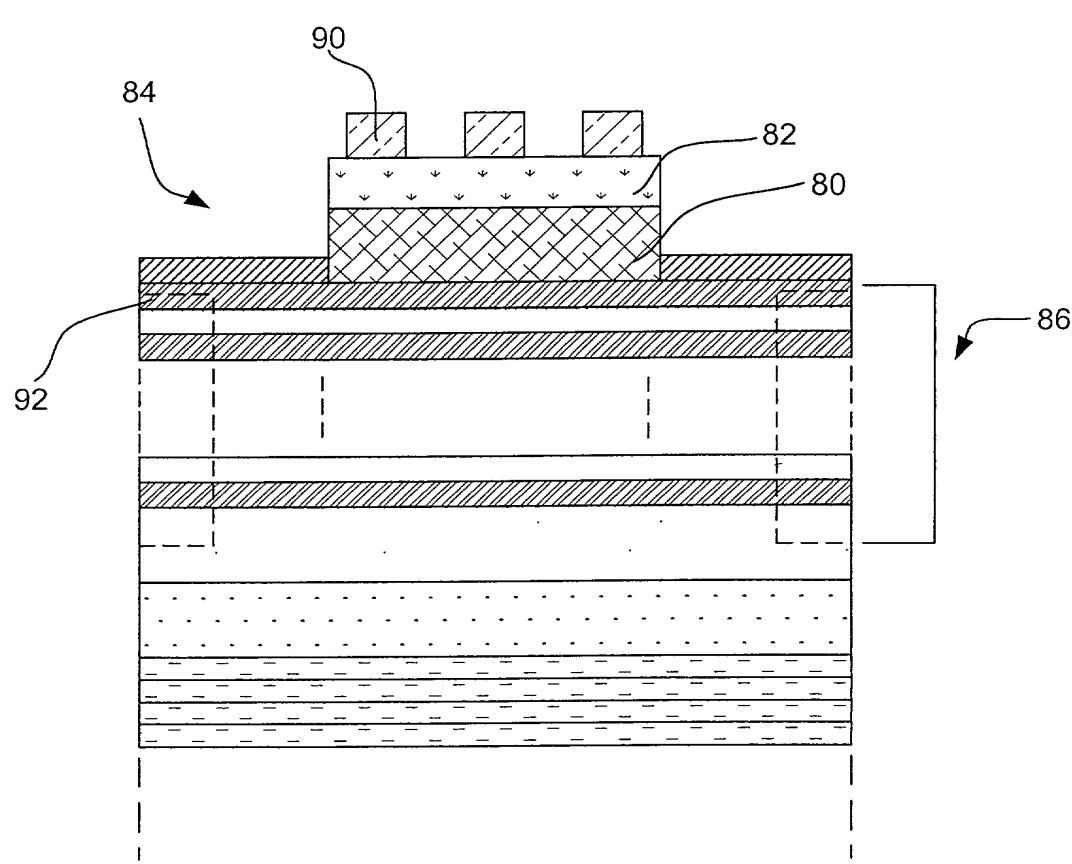
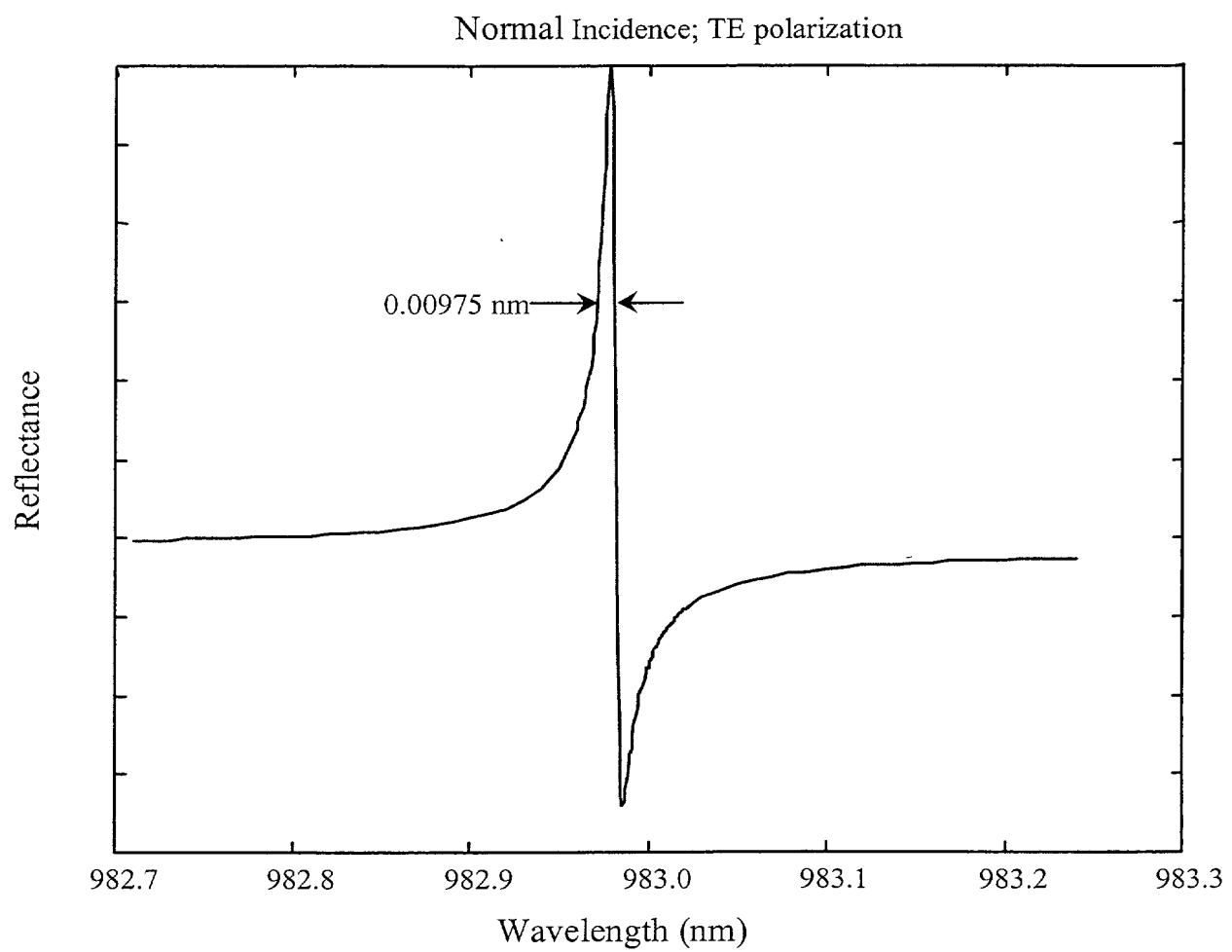


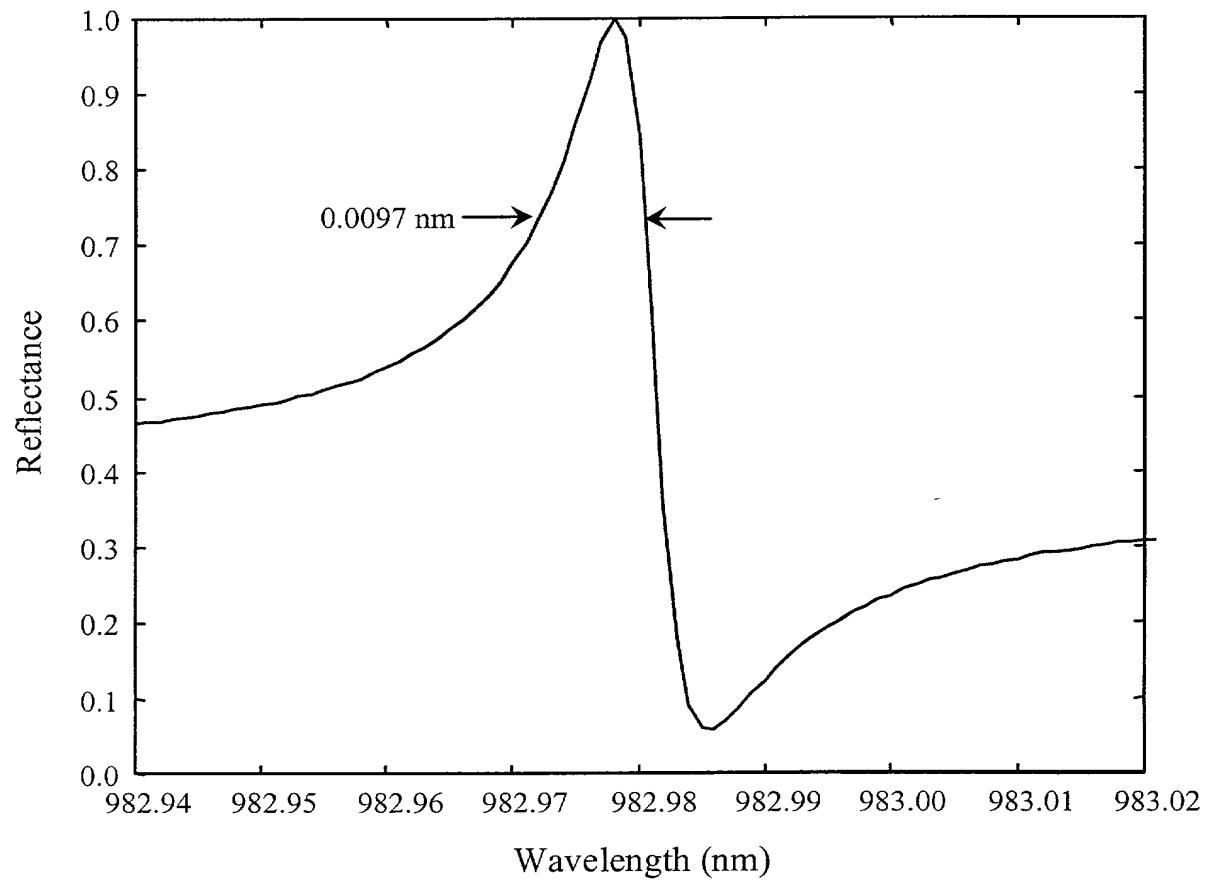
FIG. 6

## Predicted Resonant Filter Reflectance for 980 nm VCSEL Detail of Resonance

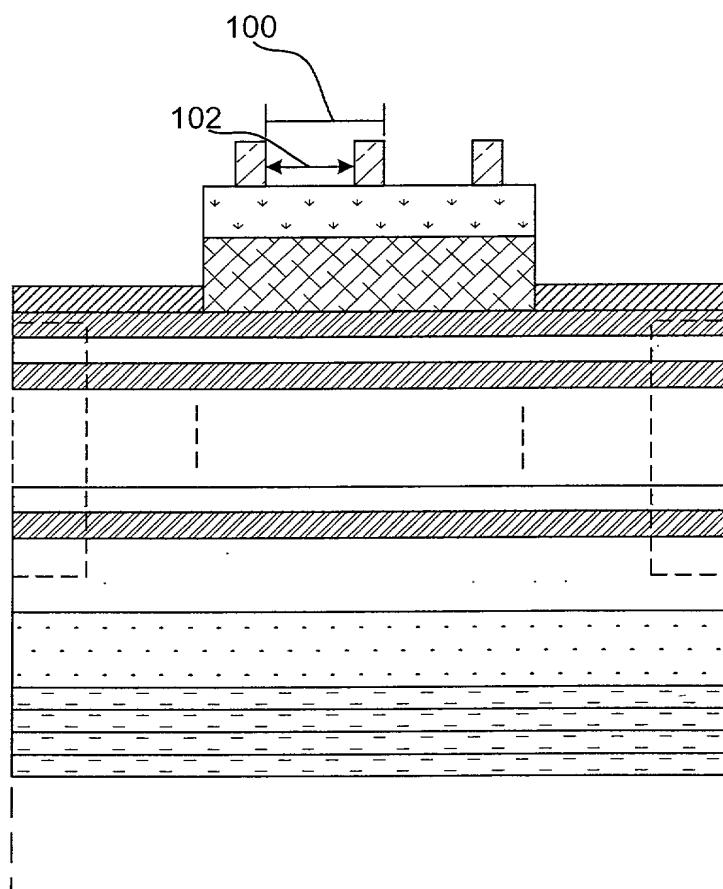


***FIG. 7***

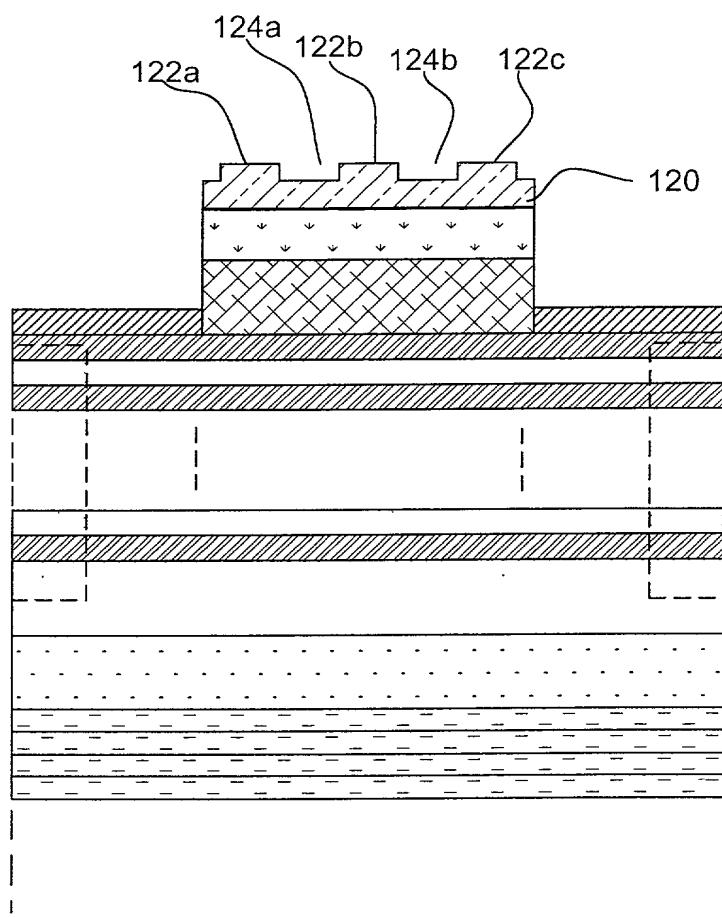
Predicted Resonant Filter Reflectance for 980 nm VCSEL  
Detail of Resonance with Conducting DBR Mirror



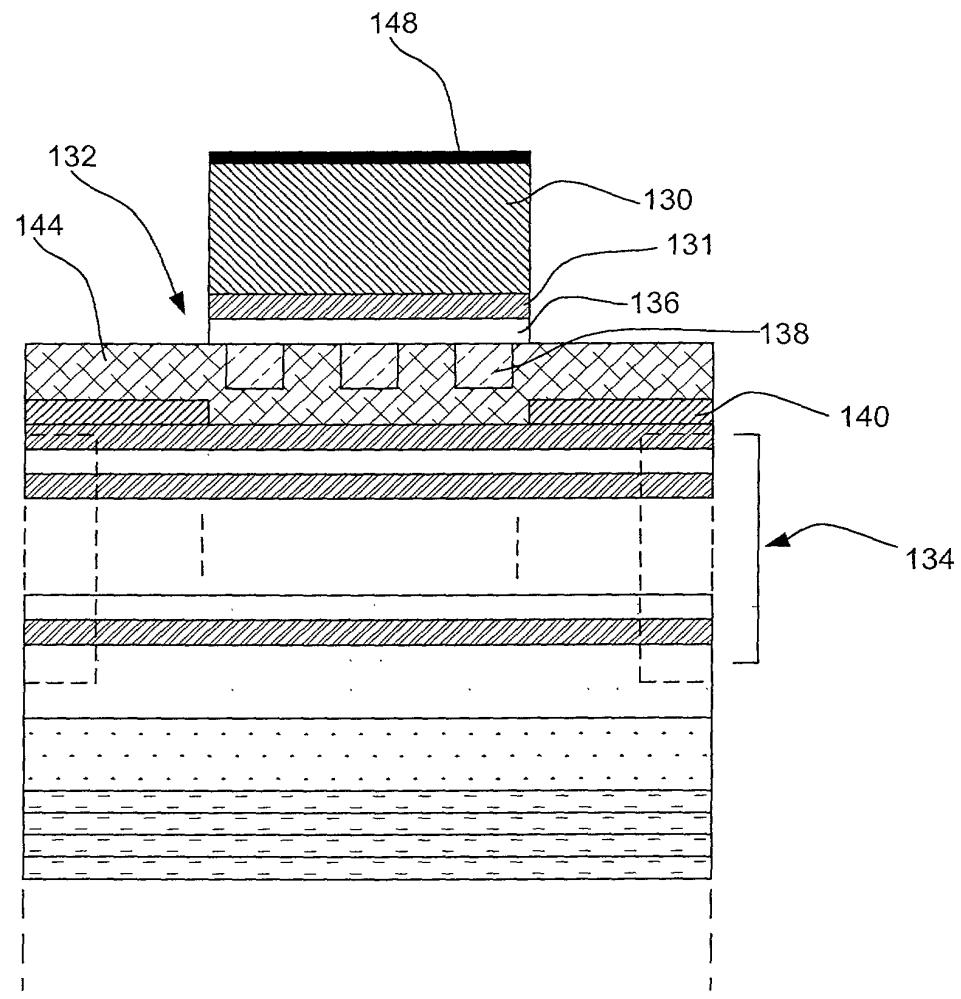
***FIG. 8***



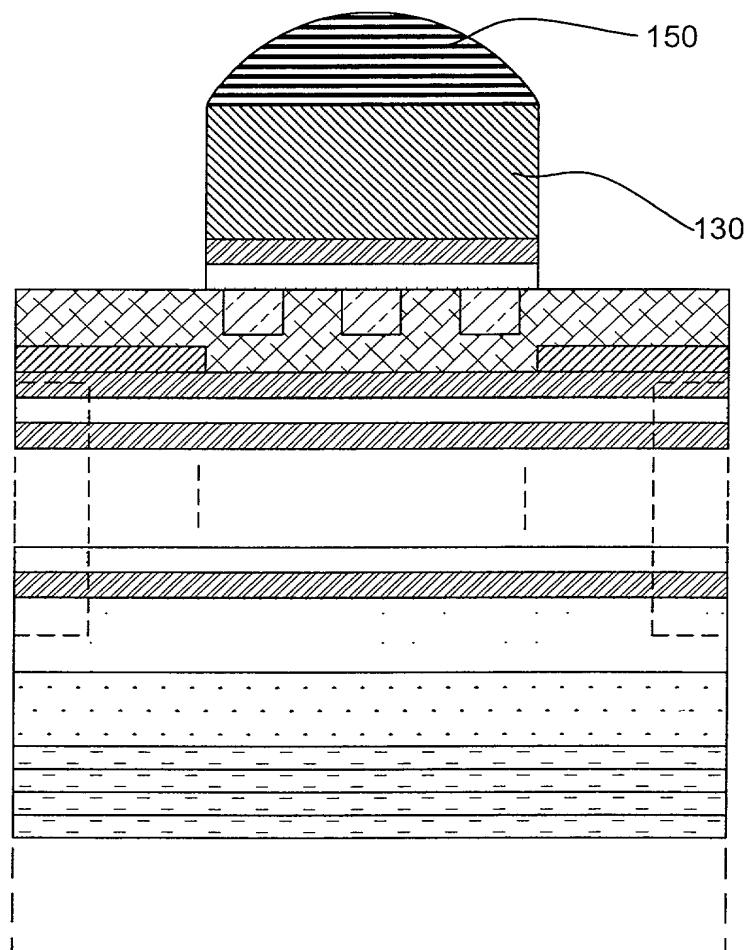
*FIG. 9*



*FIG. 10*



*FIG. 11*



***FIG. 12***

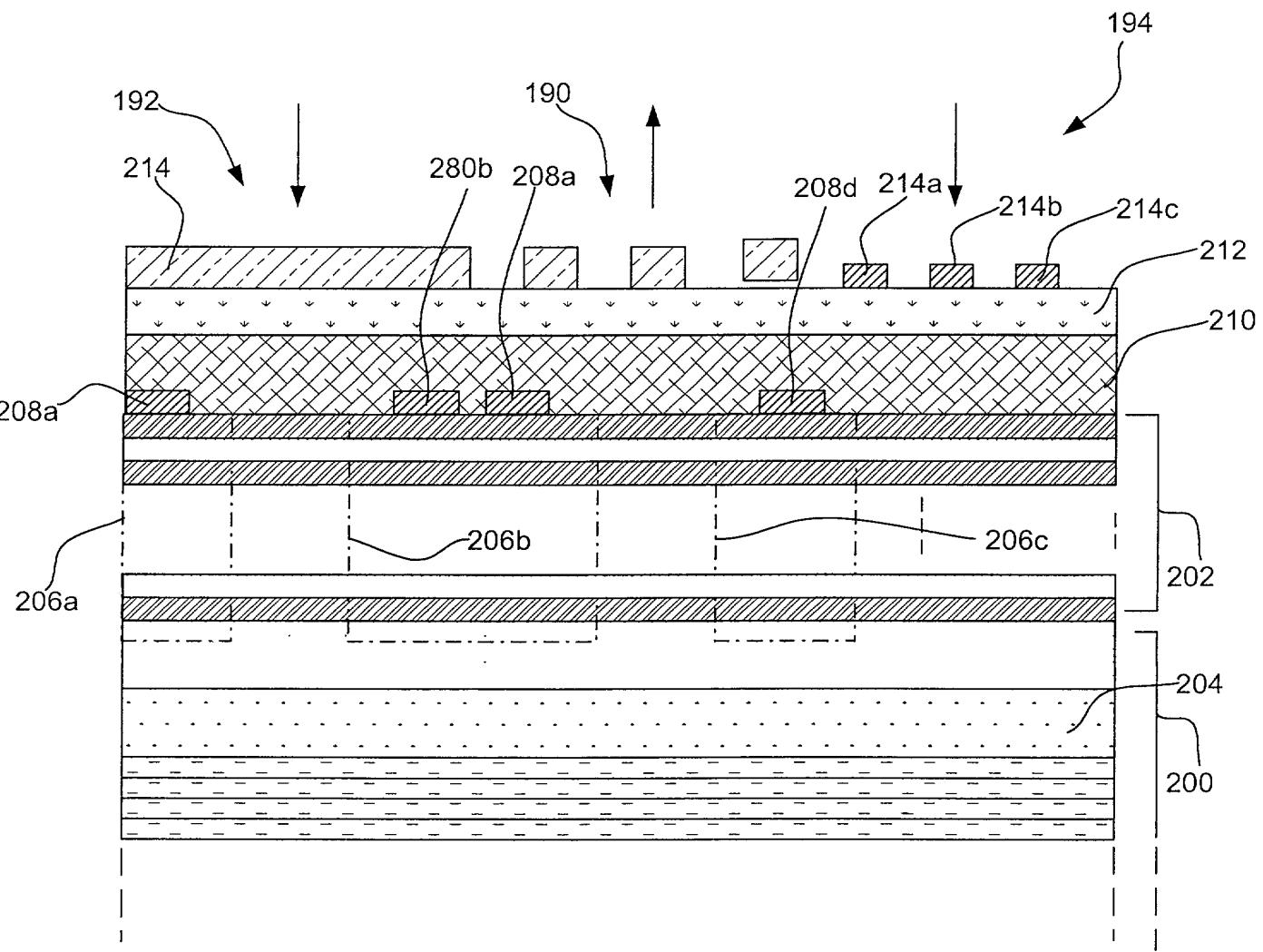


FIG. 13